

FIGURE 1

Proposed Synthesis of CNCbl poly-L-lysine-DTPA

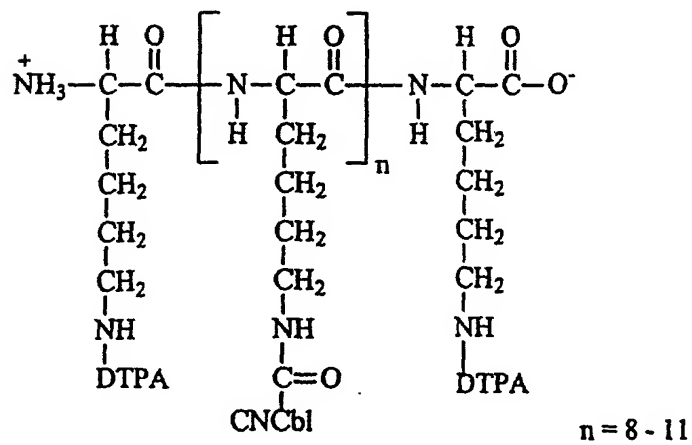
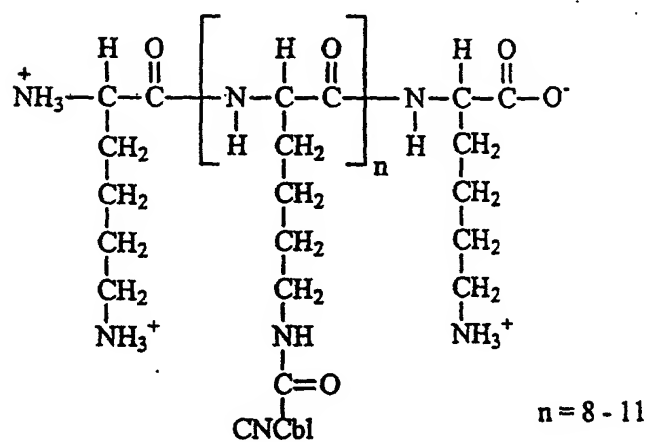
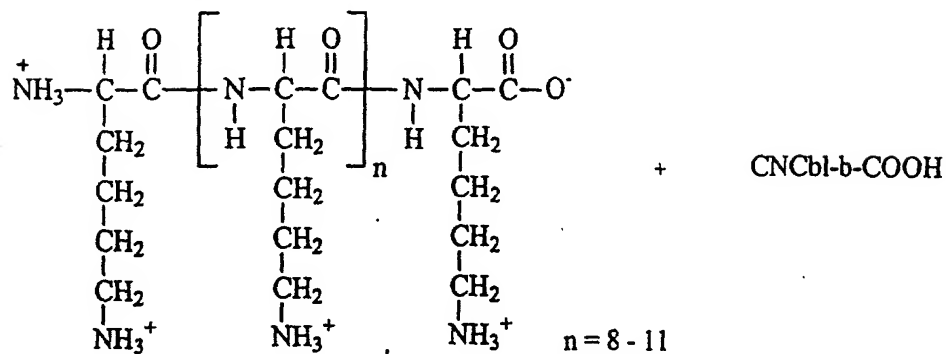


FIG. 2

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Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl COOH (b, d, and e)

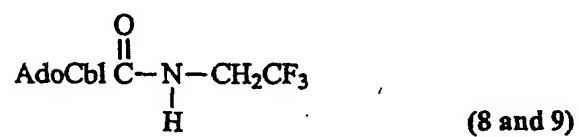
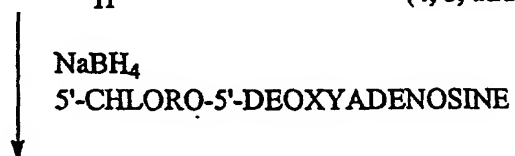
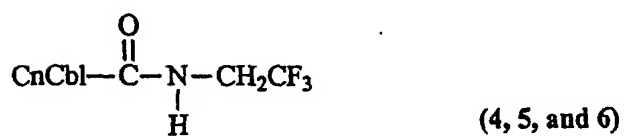
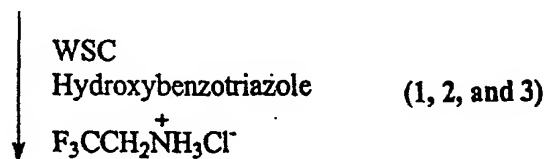


FIG. 3

Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl di COOH

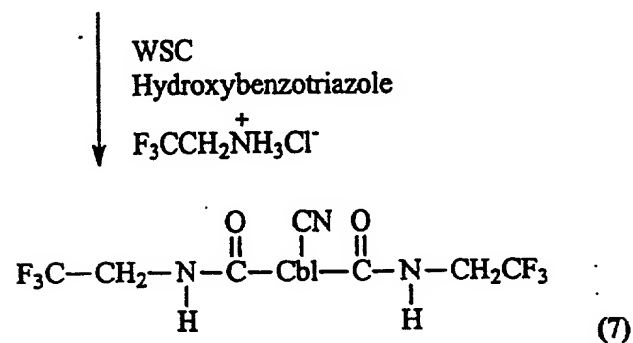


FIG. 4

Synthesis of cyano-b-trifluoroacetamidobutylamidocobalamin

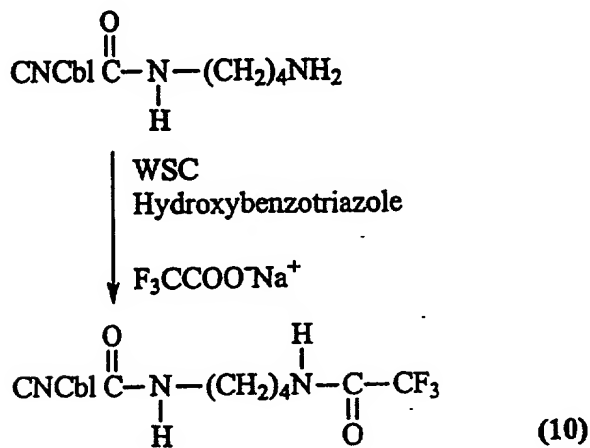


FIG. 5

Synthesis of cyanotrifluoroacetyl polylysine cobalamin

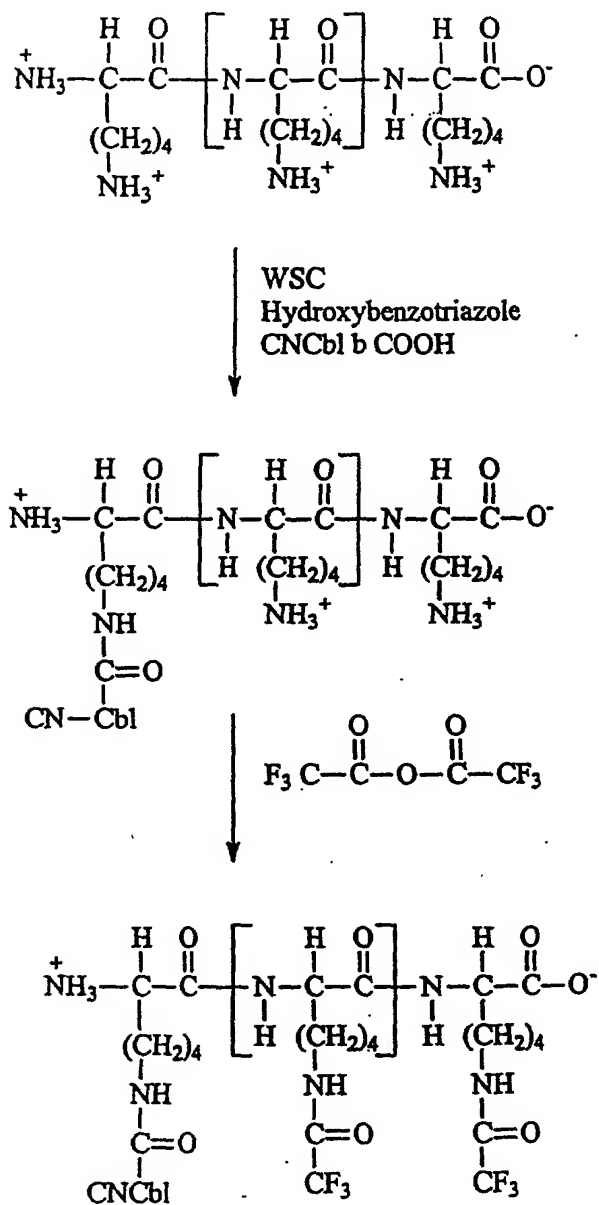


FIG. 6

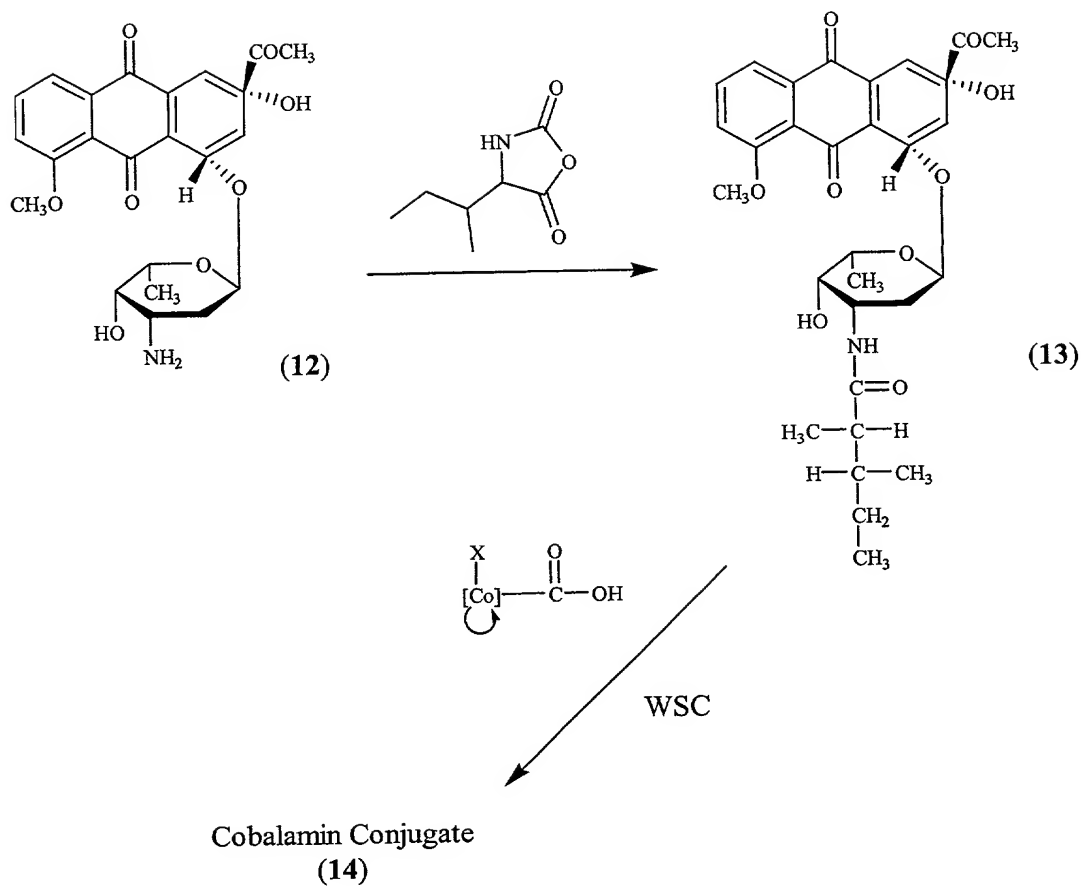


FIGURE 7